

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
 Data File : BP024837.D
 Acq On : 29 May 2025 20:30
 Operator : RC/JU
 Sample : Q2139-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BELL-25-0010

Quant Time: May 30 03:28:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 28 14:16:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

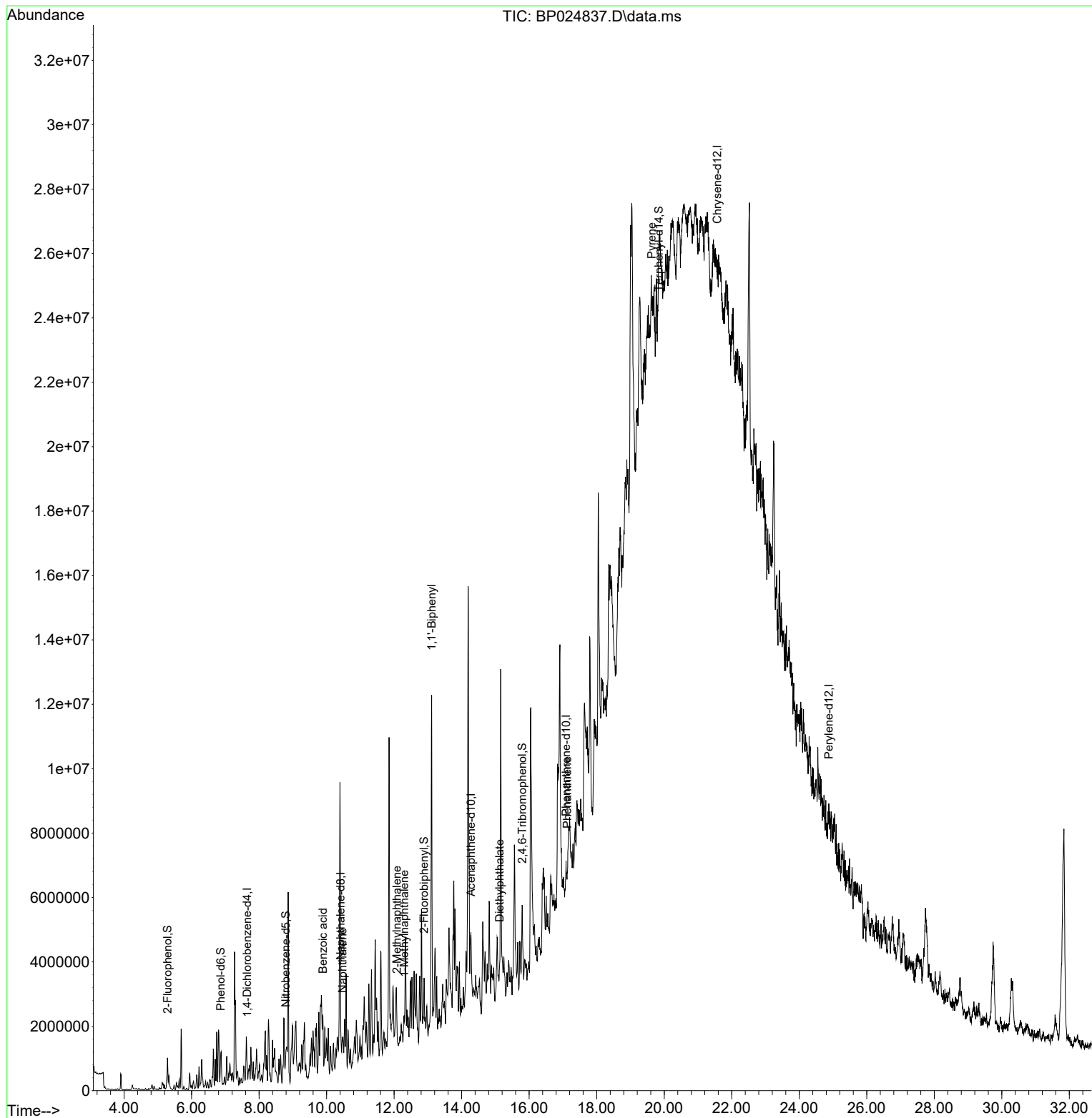
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	157479	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	591849	20.000	ng	# 0.00
39) Acenaphthene-d10	14.281	164	384281	20.000	ng	0.00
64) Phenanthrene-d10	17.092	188	726412	20.000	ng	# 0.03
76) Chrysene-d12	21.569	240	685504	20.000	ng	# 0.08
86) Perylene-d12	24.874	264	1120824	20.000	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	457424	49.681	ng	0.00
7) Phenol-d6	6.863	99	556513	47.359	ng	0.02
23) Nitrobenzene-d5	8.793	82	383160	32.711	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	389330	59.762	ng	0.01
45) 2-Fluorobiphenyl	12.887	172	917167	31.269	ng	0.00
79) Terphenyl-d14	19.839	244	1198907	29.989	ng	0.05
Target Compounds						
						Qvalue
31) Naphthalene	10.469	128	165049	5.381	ng	# 74
32) Benzoic acid	9.893	122	930861	134.250	ng	# 57
37) 2-Methylnaphthalene	12.081	142	341559	17.199	ng	95
38) 1-Methylnaphthalene	12.304	142	218289	10.273	ng	# 97
46) 1,1'-Biphenyl	13.110	154	153459	5.403	ng	89
60) Diethylphthalate	15.122	149	194205	6.560	ng	# 88
71) Phenanthrene	17.128	178	119401	2.957	ng	# 39
78) Pyrene	19.627	202	108705	2.647	ng	# 42

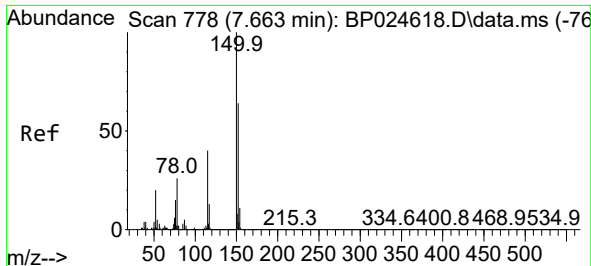
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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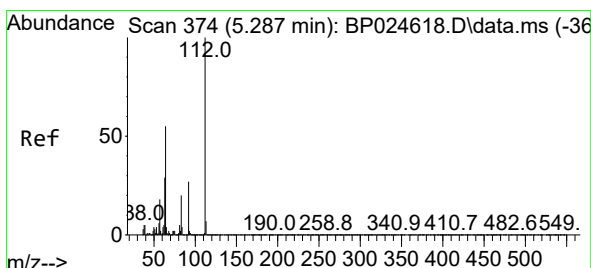
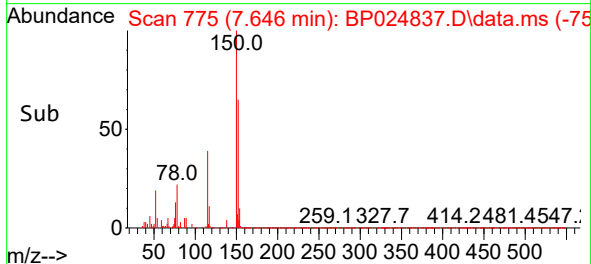
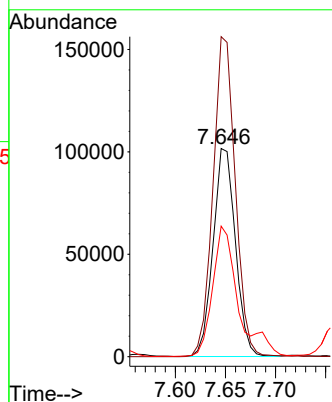
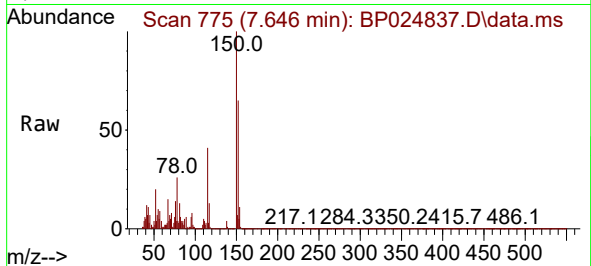




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 778
Delta R.T. -0.000 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

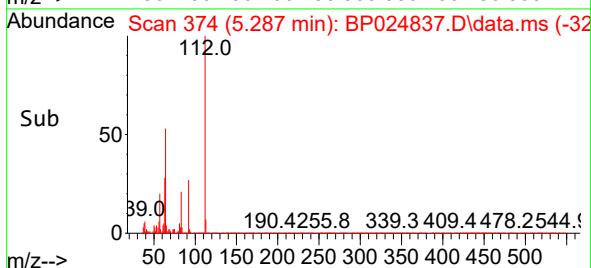
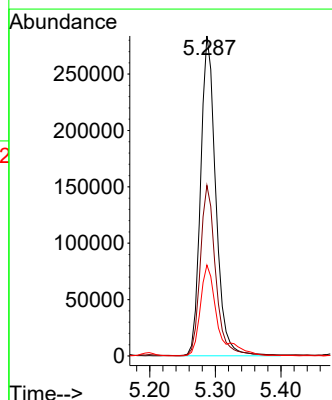
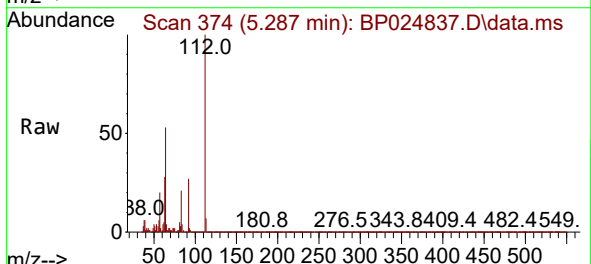
Instrument :
BNA_P
ClientSampleId :
BELL-25-0010

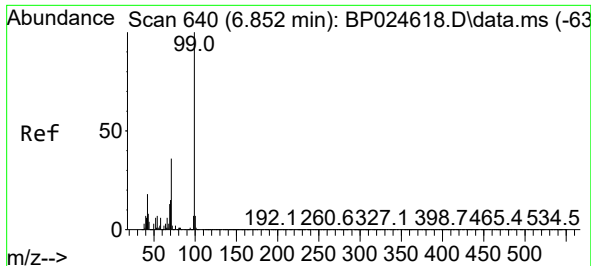
Tgt Ion:152 Resp: 157479
Ion Ratio Lower Upper
152 100
150 153.7 125.9 188.9
115 62.7 50.1 75.1



#5
2-Fluorophenol
Concen: 49.681 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.006 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Tgt Ion:112 Resp: 457424
Ion Ratio Lower Upper
112 100
64 53.3 44.1 66.1
63 28.4 23.5 35.3

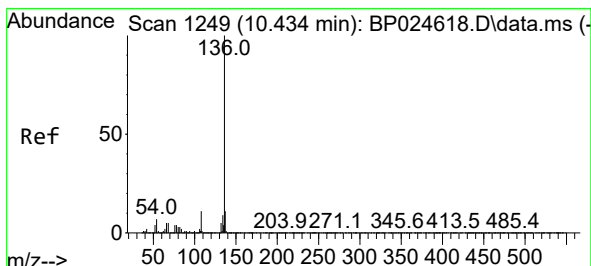
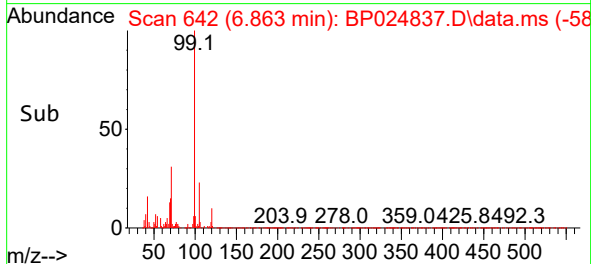
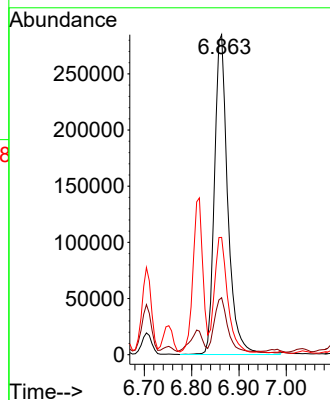
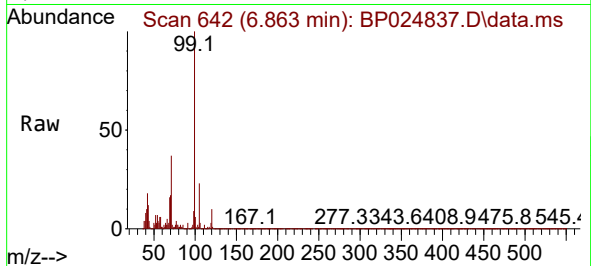




#7
Phenol-d6
Concen: 47.359 ng
RT: 6.863 min Scan# 64
Delta R.T. 0.018 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

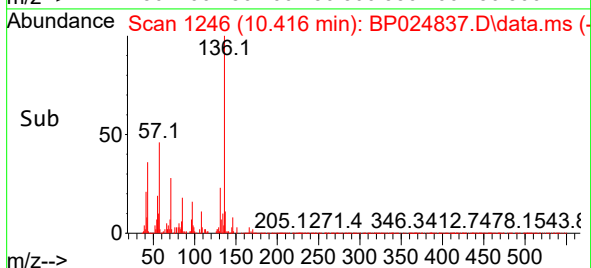
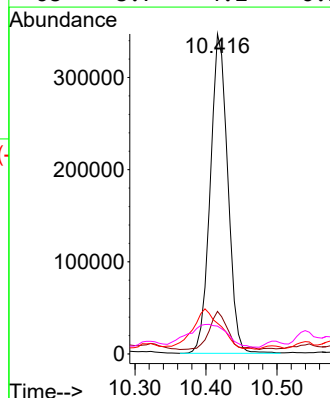
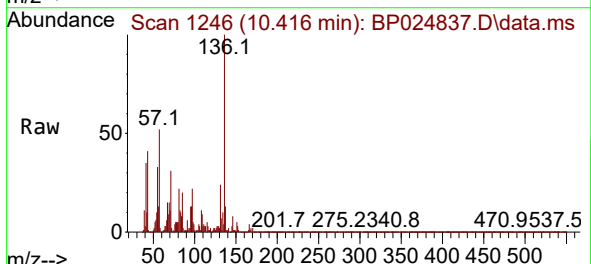
Instrument :
BNA_P
ClientSampleId :
BELL-25-0010

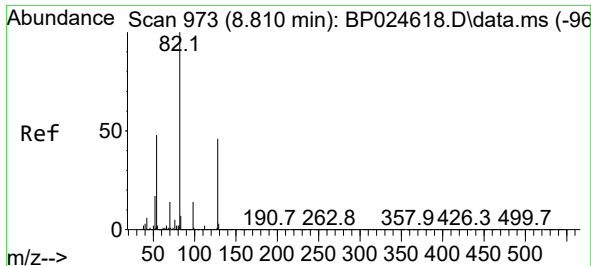
Tgt Ion: 99 Resp: 556513
Ion Ratio Lower Upper
99 100
42 17.8 14.4 21.6
71 36.6 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. 0.006 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Tgt Ion: 136 Resp: 591849
Ion Ratio Lower Upper
136 100
137 13.3 8.8 13.2#
54 9.6 5.5 8.3#
68 8.7 4.2 6.2#





#23

Nitrobenzene-d5

Concen: 32.711 ng

RT: 8.793 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP024837.D

Acq: 29 May 2025 20:30

Instrument :

BNA_P

ClientSampleId :

BELL-25-0010

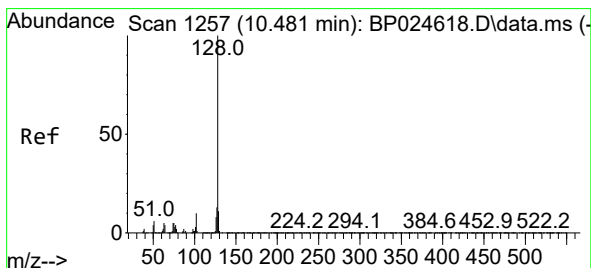
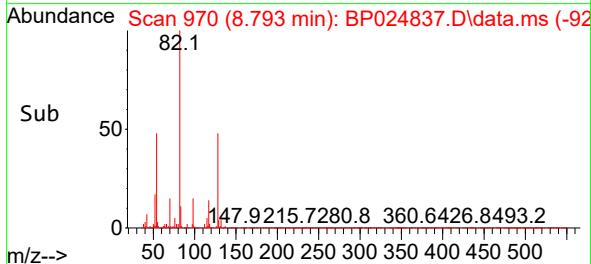
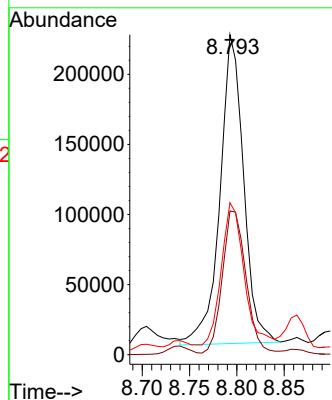
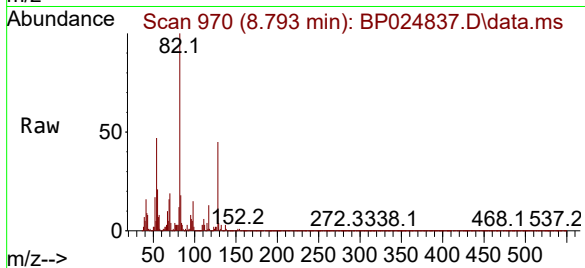
Tgt Ion: 82 Resp: 383160

Ion Ratio Lower Upper

82 100

128 44.9 37.0 55.4

54 47.5 38.7 58.1



#31

Naphthalene

Concen: 5.381 ng

RT: 10.469 min Scan# 1255

Delta R.T. 0.006 min

Lab File: BP024837.D

Acq: 29 May 2025 20:30

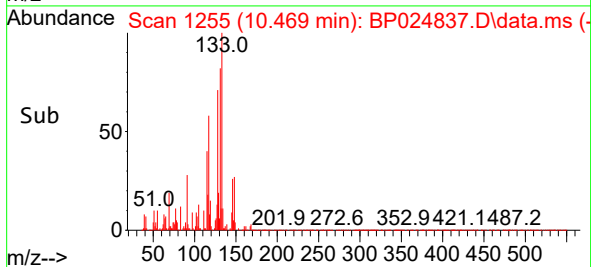
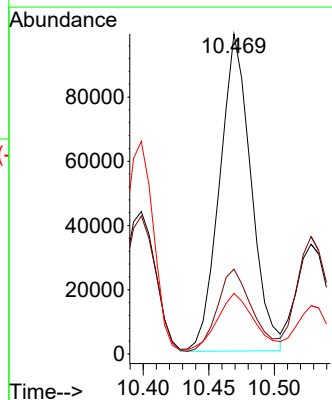
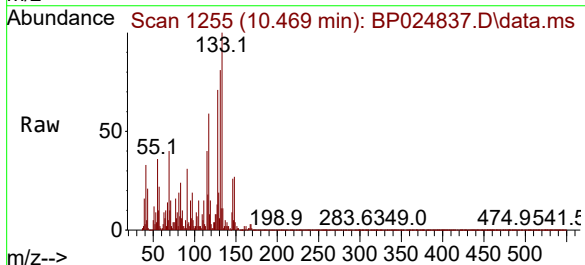
Tgt Ion:128 Resp: 165049

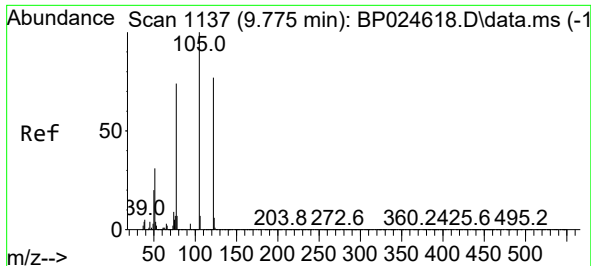
Ion Ratio Lower Upper

128 100

129 26.5 8.8 13.2#

127 18.9 10.7 16.1#

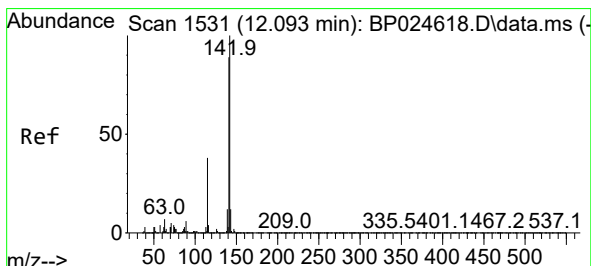
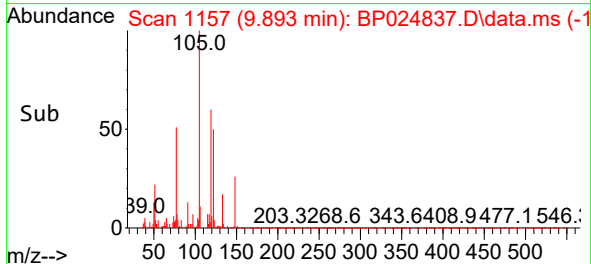
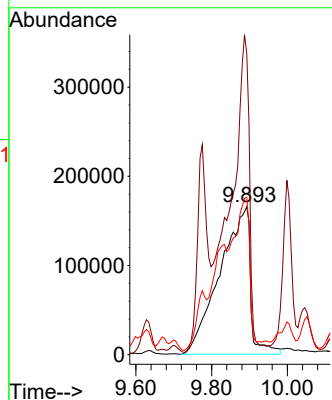
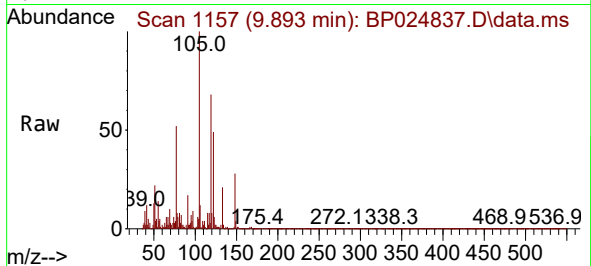




#32
Benzoic acid
Concen: 134.250 ng
RT: 9.893 min Scan# 1137
Delta R.T. 0.100 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

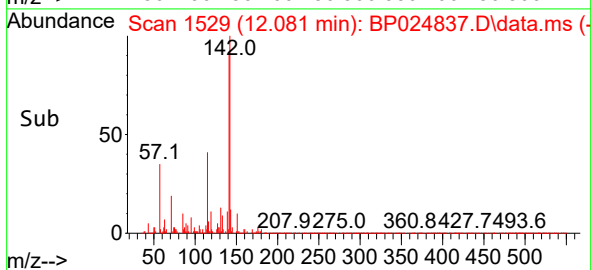
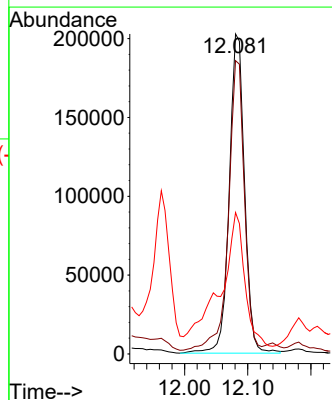
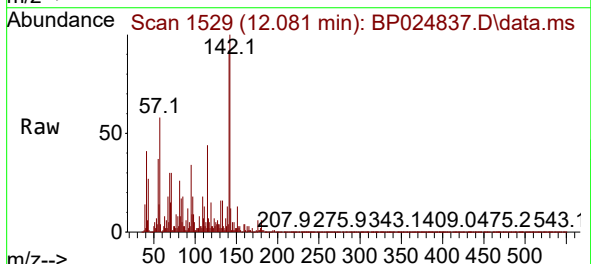
Instrument :
BNA_P
ClientSampleId :
BELL-25-0010

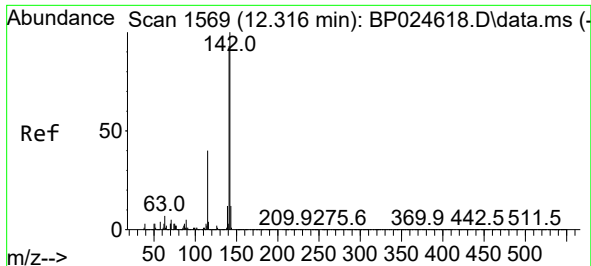
Tgt Ion:122 Resp: 930861
Ion Ratio Lower Upper
122 100
105 203.9 106.9 146.9#
77 106.4 75.1 115.1



#37
2-Methylnaphthalene
Concen: 17.199 ng
RT: 12.081 min Scan# 1529
Delta R.T. 0.006 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Tgt Ion:142 Resp: 341559
Ion Ratio Lower Upper
142 100
141 91.7 71.2 106.8
115 44.2 30.6 46.0

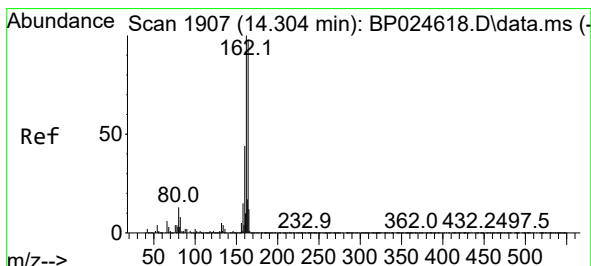
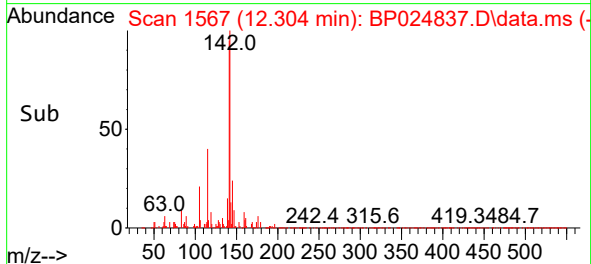
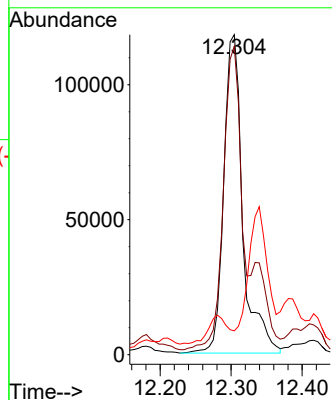
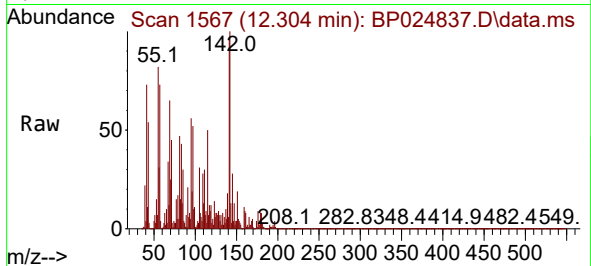




#38
1-Methylnaphthalene
Concen: 10.273 ng
RT: 12.304 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

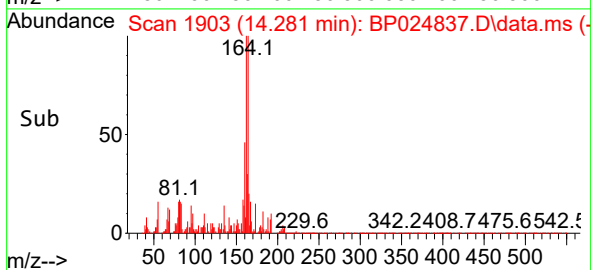
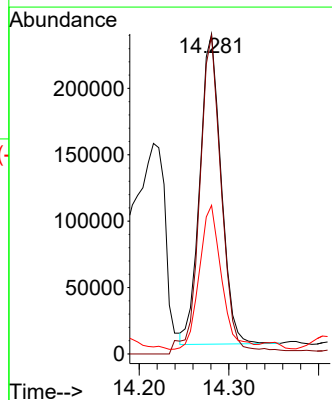
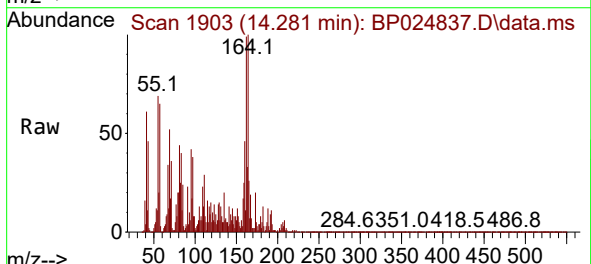
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ClientSampleId :
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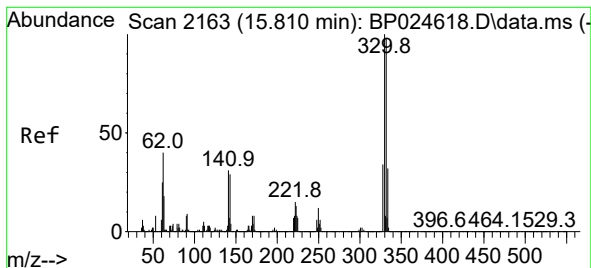
Tgt Ion:142 Resp: 218289
Ion Ratio Lower Upper
142 100
141 96.4 74.7 112.1
116 7.5 3.4 5.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. 0.006 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Tgt Ion:164 Resp: 384281
Ion Ratio Lower Upper
164 100
162 99.4 81.8 122.6
160 46.4 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 59.762 ng

RT: 15.798 min Scan# 2161

Delta R.T. 0.012 min

Lab File: BP024837.D

Acq: 29 May 2025 20:30

Instrument :

BNA_P

ClientSampleId :

BELL-25-0010

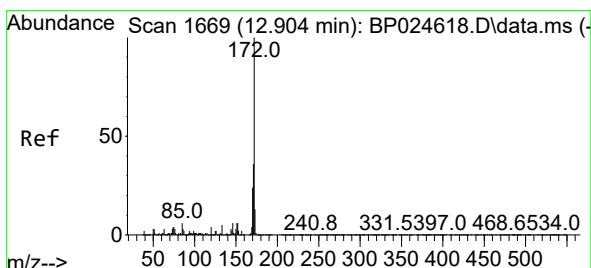
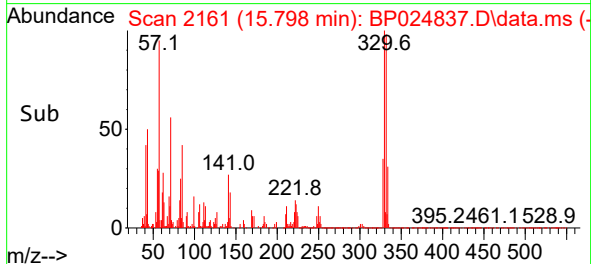
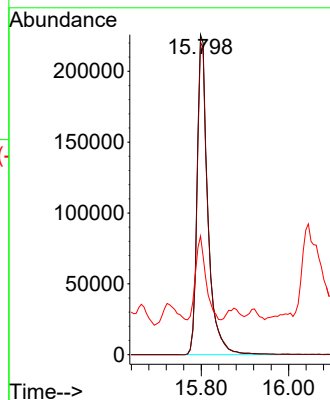
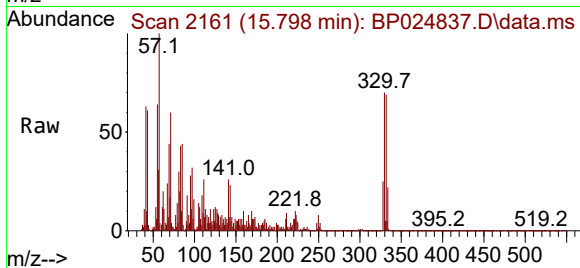
Tgt Ion:330 Resp: 389330

Ion Ratio Lower Upper

330 100

332 97.5 78.2 117.4

141 24.6 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 31.269 ng

RT: 12.887 min Scan# 1666

Delta R.T. 0.006 min

Lab File: BP024837.D

Acq: 29 May 2025 20:30

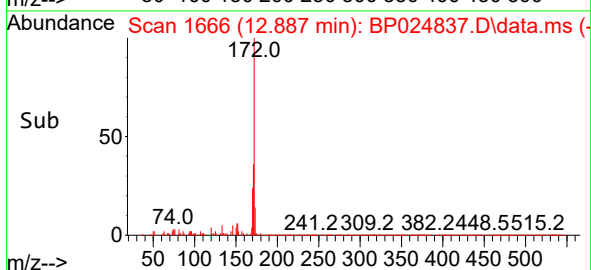
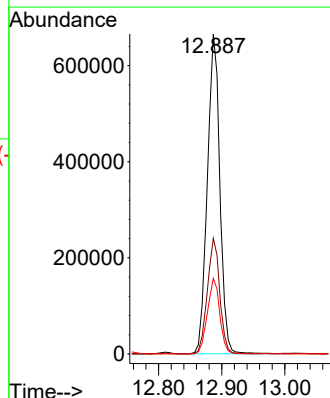
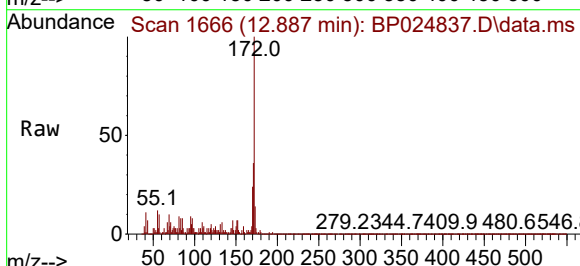
Tgt Ion:172 Resp: 917167

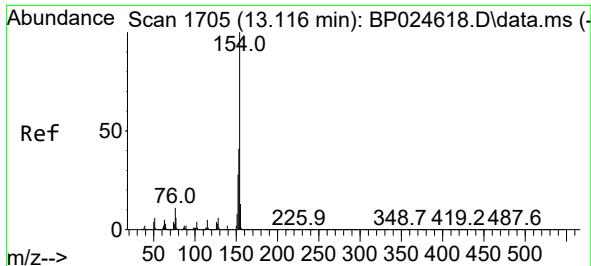
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 23.6 18.8 28.2

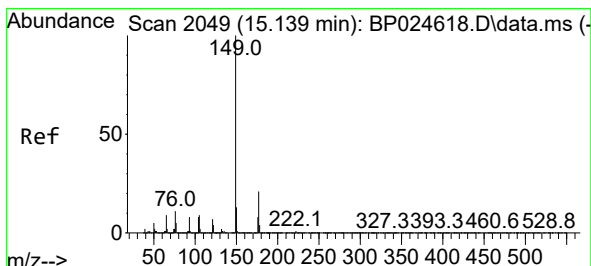
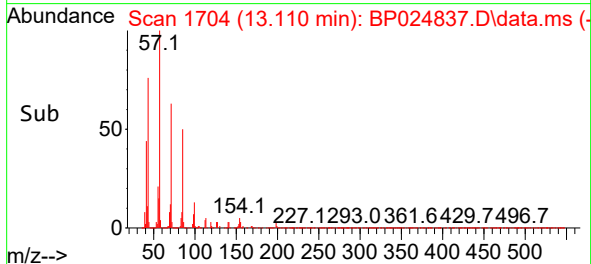
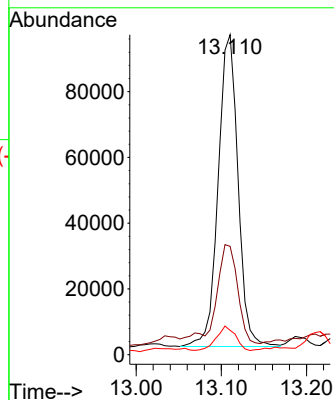
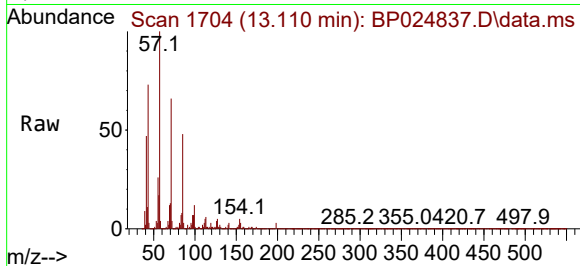




#46
1,1'-Biphenyl
Concen: 5.403 ng
RT: 13.110 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

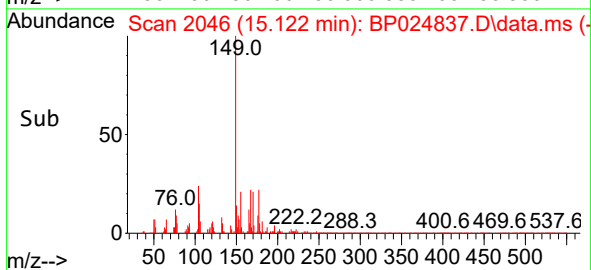
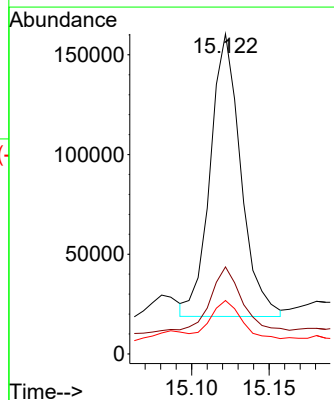
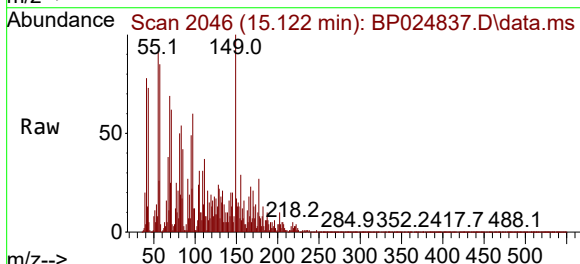
Instrument :
BNA_P
ClientSampleId :
BELL-25-0010

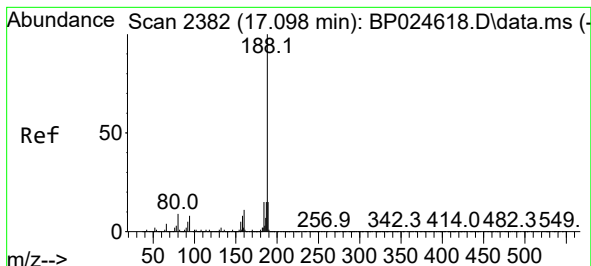
Tgt Ion:154 Resp: 153459
Ion Ratio Lower Upper
154 100
153 33.9 21.0 61.0
76 7.6 0.0 31.5



#60
Diethylphthalate
Concen: 6.560 ng
RT: 15.122 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Tgt Ion:149 Resp: 194205
Ion Ratio Lower Upper
149 100
177 27.2 16.7 25.1#
150 16.7 10.2 15.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.092 min Scan# 21

Delta R.T. 0.030 min

Lab File: BP024837.D

Acq: 29 May 2025 20:30

Instrument :

BNA_P

ClientSampleId :

BELL-25-0010

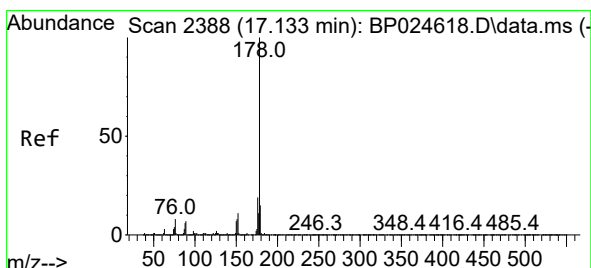
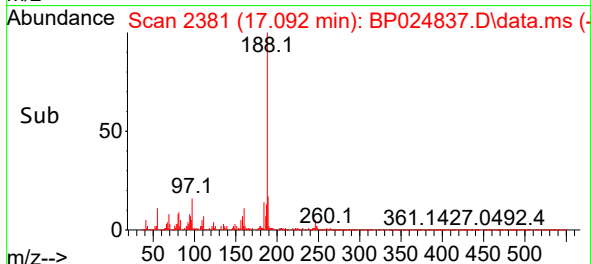
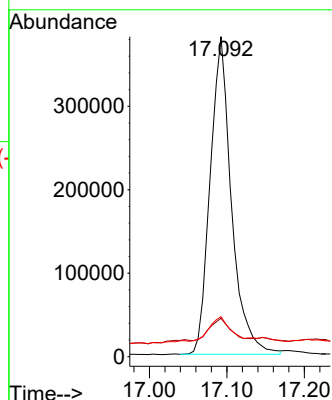
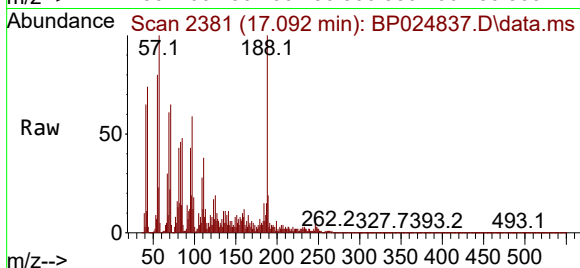
Tgt Ion:188 Resp: 726412

Ion Ratio Lower Upper

188 100

94 12.0 6.5 9.7#

80 12.5 7.3 10.9#



#71

Phenanthrene

Concen: 2.957 ng

RT: 17.128 min Scan# 2387

Delta R.T. 0.018 min

Lab File: BP024837.D

Acq: 29 May 2025 20:30

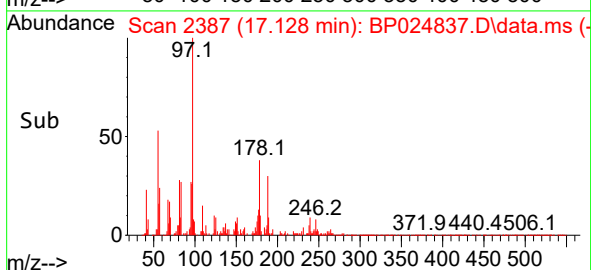
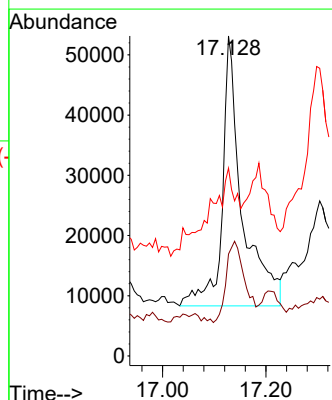
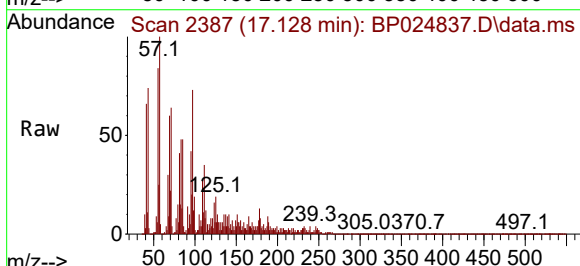
Tgt Ion:178 Resp: 119401

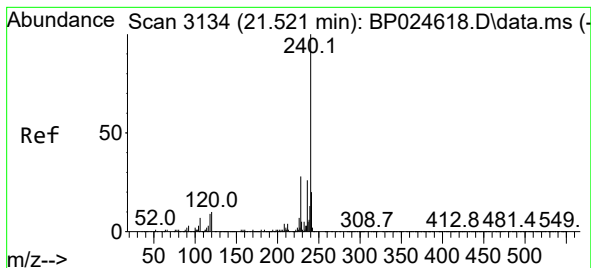
Ion Ratio Lower Upper

178 100

176 31.9 15.4 23.2#

179 58.7 12.2 18.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.569 min Scan# 3114

Delta R.T. 0.077 min

Lab File: BP024837.D

Acq: 29 May 2025 20:30

Instrument :

BNA_P

ClientSampleId :

BELL-25-0010

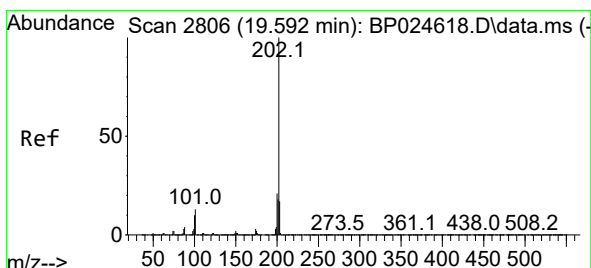
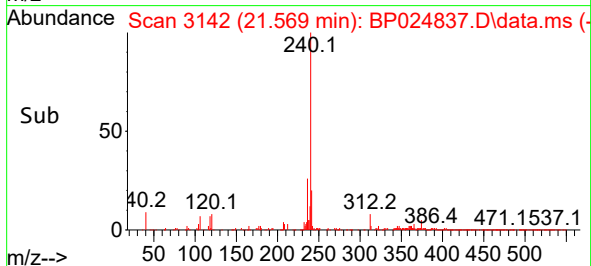
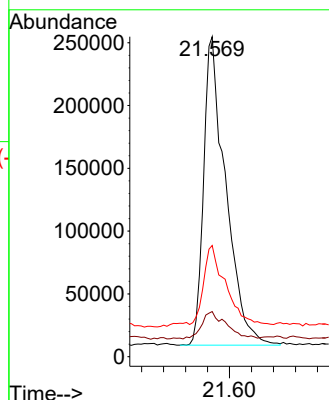
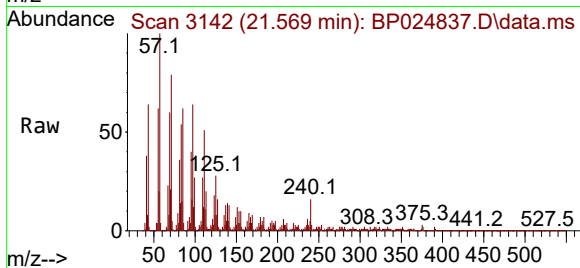
Tgt Ion:240 Resp: 685504

Ion Ratio Lower Upper

240 100

120 14.1 7.8 11.6#

236 34.8 20.6 31.0#



#78

Pyrene

Concen: 2.647 ng

RT: 19.627 min Scan# 2812

Delta R.T. 0.059 min

Lab File: BP024837.D

Acq: 29 May 2025 20:30

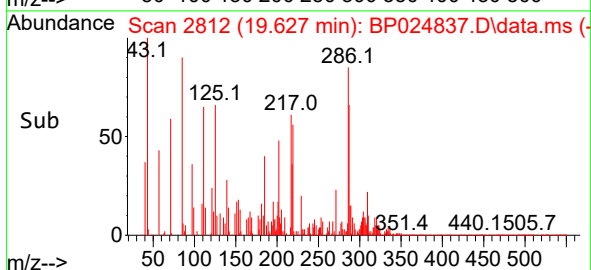
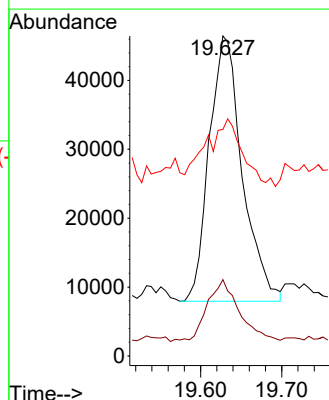
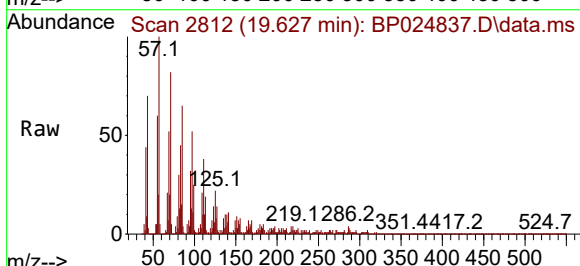
Tgt Ion:202 Resp: 108705

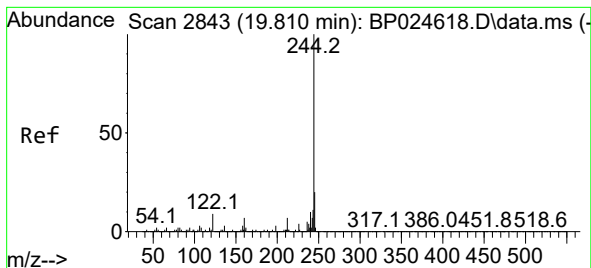
Ion Ratio Lower Upper

202 100

200 23.9 16.9 25.3

203 70.8 13.9 20.9#





#79

Terphenyl-d14

Concen: 29.989 ng

RT: 19.839 min Scan# 24

Delta R.T. 0.053 min

Lab File: BP024837.D

Acq: 29 May 2025 20:30

Instrument :

BNA_P

ClientSampleId :

BELL-25-0010

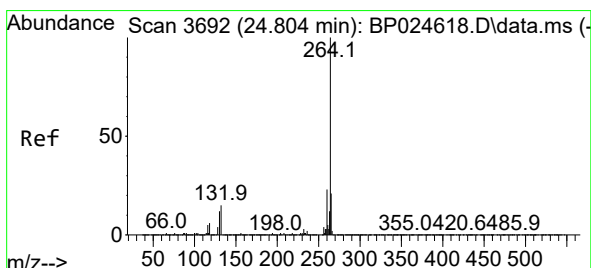
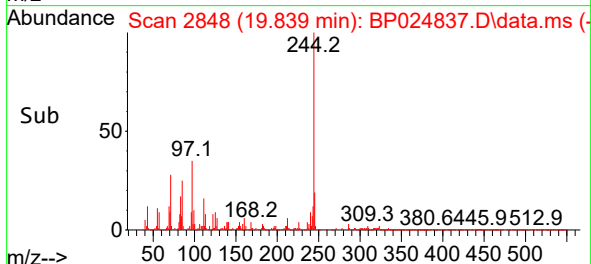
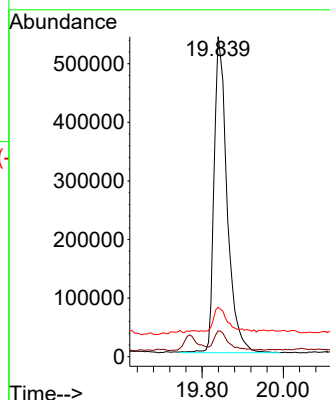
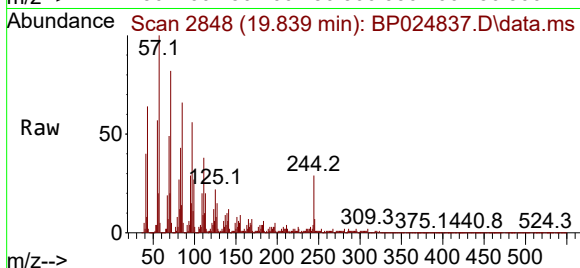
Tgt Ion:244 Resp: 1198907

Ion Ratio Lower Upper

244 100

212 8.1 5.5 8.3

122 15.5 7.4 11.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.874 min Scan# 3704

Delta R.T. 0.130 min

Lab File: BP024837.D

Acq: 29 May 2025 20:30

Tgt Ion:264 Resp: 1120824

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 23.8 17.0 25.6

